



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 1, 2003

TO: ALL HOLDERS OF THE CITY OF ALBUQUERQUE STANDARD  
SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986

FROM: Fred Aguirre, City Engineer, Planning Department

SUBJECT: **UPDATE NO. 7 - REVISIONS, DELETIONS AND ADDITIONS**

Attached is a listing of specification sections and/or drawings that have been modified and are hereby made part of the City of Albuquerque's Standard Specifications for Public Works Construction - 1986 as Update No.7. The revised text section and drawings should be replaced, deleted, or inserted as indicated. All construction plans and specifications shall incorporate the requirements of Update No. 7 as soon as possible with the following effective dates for full implementation:

1. Plans submitted to DRC for preliminary review shall be in full compliance with Update No. 7 on or after September 1, 2003
2. Plans submitted to DRC for final review or sign-off shall be in full compliance with Update No. 7 on or after November 3, 2003.
3. Projects with a start of construction date (Work Order or Notice to Proceed Date) on or after January 6, 2004, shall be in full compliance with Update No. 7.



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 1, 2003

TO: ALL HOLDERS OF THE CITY OF ALBUQUERQUE STANDARD  
SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986

FROM: Fred Aguirre, City Engineer, Planning Department

SUBJECT: **UPDATE NO. 7 - REVISIONS, DELETIONS AND ADDITIONS**

Attached is a listing of specification sections and/or drawings that have been modified and are hereby made part of the City of Albuquerque's Standard Specifications for Public Works Construction - 1986 as Update No.7. The revised text section and drawings should be replaced, deleted, or inserted as indicated. All construction plans and specifications shall incorporate the requirements of Update No. 7 as soon as possible with the following effective dates for full implementation:

1. Plans submitted to DRC for preliminary review shall be in full compliance with Update No. 7 on or after September 1, 2003
2. Plans submitted to DRC for final review or sign-off shall be in full compliance with Update No. 7 on or after November 3, 2003.
3. Projects with a start of construction date (Work Order or Notice to Proceed Date) on or after January 6, 2003, shall be in full compliance with Update No. 7.

## TEXT

Text sections replace the existing sections in their entirety. Where labeled as NEW, text sections are to be inserted in their appropriate place

SECTION	TITLE	PAGES
	Table of Contents	
1	Definitions and Terms	1-1 thru 1-7
19	Construction Traffic Control	19-1 thru 19-2
101	Portland Cement Concrete	101-1 thru 101-15
112	Paving Asphalt	112-1 thru 112-4
113	Emulsified Asphalts	113-1 thru 113-6
116	Asphalt Concrete	116-1 thru 116-14
121	Plastic Pipe	121-1 thru 121-3
170	Electronic Marker Disks	170-1
305	Cement Treated Base	305-1 thru 305-4
307	Plant Mixed Bituminous Treated Base Construction	307-1 thru 307-4
328	Quite Asphalt Concrete Pavement (NEW)	328-1 thru 328-11
329	Plant Mixed Seal Coat Construction	329-1 thru 329-8
336	Asphalt Concrete Pavement	336-1 thru 336-9
337	Portland Cement Concrete Pavement	337-1 thru 337-10
340	Portland Cement Concrete Curbs, Gutters, Walks, Driveways, Alley Intersections, Slope Paving, and Median Paving	340-1 thru 340-5
420	General Clauses for Traffic Signal and Street Lighting Systems	420-1 thru 420-5
421	Signal and Lighting Service Systems (NEW)	421-1 thru 421-3
422	Signal and Lighting Standards (NEW)	421-1 thru 421-3
423	Foundations for Signal and Lighting Installations (NEW)	423-1 thru 423-2
424	Electrical Conduit (NEW)	424-1 thru 424-4
425	Pull Boxes, Splice Cabinets and Manholes (NEW)	425-1 thru 425-2

426	Wiring (NEW)	426-2 thru 426-4
427	Signal Assemblies (NEW)	427-1 thru 427-5
428	Vehicle, Pedestrian, and Emergency Vehicle Detectors (NEW)	428-1 thru 428-9
429	Traffic Signal Controllers (NEW)	429-1 thru 429-12
431	Beacons and Special Signal Equipment (NEW)	431-1 thru 431-3
432	Luminaries (NEW)	432-1 thru 432-2
440	Reflectorized Painted Pavement Markings (NEW)	440-1 thru 440-4
441	Retroreflective Preformed Plastic Pavement Markings (NEW)	441-1 thru 441-3
443	Pavement Marking Removal (NEW)	443
450	Traffic Signs and Sign Structures (NEW)	450-1 thru 450-7
801	Installation of Water Transmission, Collector, and Distribution Lines	801-1 thru 801-16
802	Installation of Water Service Lines	802-1 thru 802-4
925	Vacuum Sewer Collector, Interceptor and Force Main Facilities (NEW)	925-1 thru 925-7
1200	Barricading and Temporary Traffic Control (NEW)	1200-1 thru 1200-5

### **DRAWINGS**

Drawings labeled as Revised replace existing drawings. Insert drawings labels as New into the proper place in the Specifications. Drawings labeled as Delete shall be removed from the Specifications.

<b>NUMBER</b>	<b>TITLE</b>	<b>STATUS</b>
2100 INDEX	Standard Detail Drawings	Revised
2117	Vertical Curvilinear Sewer	DELETE
2160	Sanitary Sewer Air Release Valve Detail	New
2162	Vacuum Sewer Standards - Standard Details	New
2163	Vacuum Sewer Standards Valve and Pit Installation With Lift in Vacuum Service Lateral	New

2164	Vacuum Sewer Standards Typical Vacuum Branch Line Connection	New
2165	Vacuum Sewer Standards 3" Valve and Pit Installation with Internal Breather	New
2167	Vacuum Sewer Standards Single Buffer Tank, 30 Gal Per Minute Max. Flow	New
2168	Vacuum Sewer Standards Dual Buffer Tank 60 Gallon Per Minute Max. Flow	New
2169	Vacuum Sewer Standards Vacuum Division Valve Stem Nut and Socket Details	New
2170	Vacuum Sewer Standards Vacuum Division Valve Valve Box	New
2171	Vacuum Sewer Standards Vacuum Valve Pit - Type "A"	New
2172	Vacuum Sewer Standards Vacuum Valve Pit - Type "B"	New
2173	Vacuum Sewer Standards Blocking and Seepage Collar Details	New
2174	Vacuum Sewer Standards Service Wye Installation on Existing Vacuum Main	New
2180	Casing Detail for Bore and Jack Vacuum Sewer System	New
2300 INDEX	Standard Details for Water	Revised
2301	Waterline Connection Details	Revised
2305	Concrete Cylinder Pipe Rigid Joint Detail	Revised
2306	Cement Lined Flanged Nozzle with Collar	DELETE
2315	Pipe Trench Terminology	Revised
2320	Concrete Blocking Design	Revised
2325	Valve Box Type "A"	DELETE
2326	Water Valve Box	Revised
2328	Ring & Cover for Valve Box	Revised
2330	Valve Stem Ext. Stabilizer and Dire Shield	DELETE
2331	Valve Stem Ext. Nuts and Sockets	DELETE

2332	Valve Box Adjustment Collar and Insert	DELETE
2333	Water Valve Anchorage	Revised
2334	Large Diameter Valve Vault	New
2340	Fire Hydrant Installation	Revised
2344	Air Release Fire Hydrant Connection	Revised
2347	Details on Typical Fire Hydrant Locations	Revised
2350	Air Release Valve	Revised
2351	Conc. Cyl. Butterfly Valve Installation Details	Revised
2352	Ductile Iron Butterfly Valve Installation Details	New
2353	Surge Relief Valve Station	Revised
2354	Standard PRV Station No Meter	New
2355	Standard PRV Station With Propeller Meter	New
2356	Standard PRV Station With Power/Telemetry	New
2357	Standard PRV Station Structural Details	New
2358	Thrust Tie Detail	New
2360	Meter Box Location	DELETE
2361	Typical Meter Box Installations	Revised
2362	Metered Service Line Installations	Revised
2363	Metered Service Line Installations	Revised
2366	Double Meter Box for 3/4" and 1" Meters	Revised
2367	Single Meter Box & Cover for 1-1/2" & 2" Meters	Revised
2368	Meter Box Cover and Lid	Revised
2369	Heavyweight Meter Box Cover and Lid	Revised
2370	Type "A" or "B" Pits for 3" or Larger Meters	Revised
2380	Boring Installation	Revised
2395	Approved Methods of Filling Tanks	Revised
2400 INDEX	Standard Details for Paving	Revised

2400	Pavement Design Standards	New
2401	Typical Residential Street Intersection	Revised
2405	Residential Street Section	DELETE
2405A	Local - Residential Street Section	New
2405B	Major Local Street Section	New
2406	Estate Type Streets	Revised
2407	Art./Coll. St. Sections Without Median	Revised
2408	Art./Coll. St. Sections With Median	Revised
2411	Commercial & Residential Alley Section	Revised
2412	Street Section Using Concrete Pavers	Revised
2415	Curb And Gutter & Temporary Paving Section	DELETE
2415A	Curb And Gutter & Curb Cut Details	New
2415B	Curb And Gutter & Curb Cut Details	New
2418	Mountable to Standard Curb Transition	Revised
2440	Curb Access Ramp	Revised
2441	(Wheelchair) Curb Access Ramp	Revised
2461	Manhole/Valve Concrete Collar Detail	New
2465	Pavement Cuts For All Utilities	Revised
2500 INDEX	Standard Details for Traffic	Revised
2520	Electrical Pull Box	DELETE
2521	Electrical Pull Box Alternate Installations	DELETE
2522	Loop Detector Conduit Stubout Detail	DELETE
2524	Traffic Signal Manhole Type I & II	DELETE
2525	Pedestal Foundation	DELETE
2526	Mast Arm Foundations	DELETE
2527	Controller Foundations	DELETE
2530	Street Light Foundation	DELETE

2535.01	Bus Shelter 'C' Cut Section, Fill Section	New
2535.02	Bus Shelter 'C' Plan & Roof Plan (W/Sidewalk)	New
2535.03	Bus Shelter 'C' Plan (W/O Sidewalk)	New
2535.04	Bus Shelter 'D' Plan & Roof Plan (W/Sidewalk)	New
2535.05	Bus Shelter 'D' (W/O Sidewalk)	New
2535.06	Bus Shelter 'C' Elevation / Shelter	New
2535.07	Bus Shelter 'D' Elevation / Section	New
2535.08	Bus Shelter 'C' & 'D' Details	New
2535.09	Bus Shelter 'C' & 'D' Bench	New
2535.10	Bus Shelter 'C' & 'D' Trash Receptacle	New
2550	Traffic Signal Pull Box Details	New
2551	Traffic Signal Manhole Details	New
2552	Traffic Signal Loop Detector Details	New
2555	Traffic Signal Controller Cabinet & Pedestrian Foundation Details	New
2556	Traffic Signal Cabinet Foundation Conversion	New
2557	Traffic Signal Splice Cabinet Ground Mount (Large)	New
2558	Traffic Signal Foundation Details Type II and Type III Standards	New
2560	Traffic Signal Miscellaneous Details	New
2561	Traffic	New
2562A	Traffic Signal Mastarm Details, Type II Standard	New
2562B	Traffic Signal Mastarm Details, Type II Standard	New
2562C	Traffic Signal Mastarm Details, Type III Standard	New
2562D	Traffic Signal Type III Standard Miscellaneous Details	New
2565	Traffic Signal School Beacon Details (Mastarm)	New
2566	Traffic Signal School Beacon Details (Pedestal)	New
2566B	Traffic Signal Warning Traffic Beacon Details	New

2568	Traffic Signal Machine Vision Vehicle Detector Systems	New
2569	Traffic Signal Optical Detector Installation Details	New
2570	Traffic Signal Electrical Service Details	New
2571	Traffic Signal Meter Pedestal Details For Signal	New
2572	Traffic Signal Meter Pedestal Details Combination Signals & Lighting	New
2573	Street Lighting Control Cabinet Six Circuit, Metered	New
2574	Street Lighting Control Cabinet Six Circuit Unmetered	New
2580	Street Lighting Foundation & Miscellaneous Details	New
2581	Street Lighting Installation & Pole Details	New
2800 INDEX	Temporary Traffic Control	New
2801	Temporary Traffic Control General Notes	New
2802	Temporary Traffic Control Traffic Control Signing	New
2803	Temporary Traffic Control Construction Traffic Control Standards	New
2804	Temporary Traffic Control & Signing Examples (MUTCD)	New
2805	Temporary Traffic Control & Signing Examples (MUTCD)	New
2806	Temporary Traffic Control & Signing Examples (MUTCD)	New
2807	Temporary Traffic Control & Signing Examples (MUTCD)	New
2808	Temporary Traffic Control & Signing Examples (MUTCD)	New

## **NOTICE**

**These Specifications have incorporated Updates No. 1, 2, 3, 4, 5, 6, and 7  
which include all updates to the original Specifications as of January 1, 2003**